

# Parkzone Foam Warbird Racing

## Racing Rules:

The **ParkZone** Foam Warbird Class is intended to provide a relatively low-cost avenue for the average modeler to experience the thrill and excitement of R/C Air Racing! This class combines the good flying characteristics of the **ParkZone** Warbirds, the ease and simplicity of an almost-ready-to-fly electric airplane, and the variety of classic Warbird designs to bring Scale air racing to a size and budget that most modelers can achieve.

## Racing Rules and Procedures:

Racing will be conducted according to general AMA guidelines and in accordance with the NMPRA's EF-1 racing procedures. They can be found at NMPRA's website here: [http://www.nmpa.org/rules/EF1NewRules\\_5\\_%5B1%5D.pdf](http://www.nmpa.org/rules/EF1NewRules_5_%5B1%5D.pdf)

### In general,

- Airplanes will be raced around the 3 pylon short course with 100' between pylons 2 and 3, and 375.5' from pylon 1 to the line that intersects pylons 2 and 3.
- Races will be 10 laps
- Races will use a racehorse start from the ground or a hand launch.
- Pilots and callers will stand in the area between the start/finish line and pylons 2 and 3 **and must wear hard hats**
- A pylon cut will be penalized with a drop of one finish position per cut. More than 2 cuts will result in disqualification for that heat race.
- Races will be up to four planes per heat. 1<sup>st</sup> place will be awarded 4 points, 2<sup>nd</sup> place 3 points, and so on. Winner of the event will be the pilot that accumulates the most points in all of the heat races. Ties in points for the top 3 positions will be broken by a head-to-head flyoff.

## **Aircraft Rules and Eligibility:**

Aircraft must be a **ParkZone** brand Warbird with stock motor. No airframe modifications that affect performance will be allowed. (Clipped wings/tails, smaller canopies, etc.) Any 3 cell lipo battery may be used with a capacity between 1300-2700mah. Electronic sped controls (ESC) must be the same general capacity as supplied with the airplane, or recommended by **ParkZone**. This is intended to be a fun racing class, not a cut-throat competition. Entrants that stretch the rules will be severely handicapped or possibly disqualified at the discretion of the Contest Director!

The airplanes that are eligible are listed below with the restrictions/provisions for each airplane.

**T-28 Trojan:** Must use stock 480 motor and stock 9.5x7.5 prop. Landing gear may be installed or removed.

**F4U Corsair:** Must use stock 480 motor and stock 9.5x7.5 prop. Landing gear may be installed or removed.

**P-51 Mustang:** Must use stock 480 motor and stock 9x6 prop.

**F4F Wildcat:** Must use stock 480 motor and either the stock 9x6 prop or the 9.5x7.5 T28/F4U prop.

**Bf-109G Messerschmitt:** Must use stock .15 motor and stock 3 bladed 10.6x7.8 scale prop. Landing gear must be installed.

**Spitfire Mk IX:** Must use stock .15 motor and stock 9.5x7.5 prop. Landing gear must be installed. If retracts are installed, they must remain extended in the down position during the race.

**P-47D Thunderbolt:** Must use stock .15 motor and stock 9.5x7.5 prop. Landing gear must be installed. If retracts are installed, they must remain extended in the down position during the race.

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